

=====

Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Thu Jun 07 19:26:54 EDT 2007

=====

\*\*\*\*\*

Reviewer Comments:

The <223> explanation "artificial sequence" for "<213> Artificial Sequence" is insufficient in Sequences 4 through 11, 16 through 23, Sequence 27, and Sequences 31-33. Please give the source of the genetic material as a <223> response. In Sequences 12 and 13, Please give the source of the genetic material in the <223> response.

Please remove the end-of-file text appearing after Sequence 33.

\*\*\*\*\*

Application No: 10575736

Version No: 1.0

Input Set:

Output Set:

Started: 2007-06-07 14:32:39.874

Finished: 2007-06-07 14:32:43.378

Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 504 ms

Total Warnings: 33

Total Errors: 4

No. of SeqIDs Defined: 33

Actual SeqID Count: 33

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

**Input Set:**

**Output Set:**

**Started:** 2007-06-07 14:32:39.874  
**Finished:** 2007-06-07 14:32:43.378  
**Elapsed:** 0 hr(s) 0 min(s) 3 sec(s) 504 ms  
**Total Warnings:** 33  
**Total Errors:** 4  
**No. of SeqIDs Defined:** 33  
**Actual SeqID Count:** 33

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (33)
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (33)

# SEQUENCE LISTING

<110> Inter-K Pty Ltd  
 <120> Methods and agents for the treatment of cancer  
 <130> 0213465727

<140> 10575736  
 <141> 2007-06-07  
 <160> 33  
 <170> PatentIn version 3.2

<210> 1  
 <211> 15  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> Kaposi fibroblast growth factor signal peptide  
 <400> 1

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala  
 1 5 10 15

<210> 2  
 <211> 15  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> Beta-3 signal peptide  
 <400> 2

Val Thr Val Leu Ala Leu Gly Ala Leu Ala Gly Val Gly Val Gly  
 1 5 10 15

<210> 3  
 <211> 16  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> signal peptide  
 <400> 3

Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro  
 1 5 10 15

<210> 4  
 <211> 15  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> artificial sequence  
 <400> 4

Arg Ser Lys Ala Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr Arg  
 1 5 10 15

<210> 5  
 <211> 15  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> artificial sequence

<400> 5  
Arg Ala Arg Ala Lys Trp Asp Thr Ala Asn Asn Pro Leu Tyr Lys  
1 5 10 15

<210> 6  
<211> 15  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence  
<400> 6

Arg Ser Arg Ala Arg Tyr Glu Met Ala Ser Asn Pro Leu Tyr Arg  
1 5 10 15

<210> 7  
<211> 10  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence  
<400> 7

Arg Ser Lys Ala Lys Asn Pro Leu Tyr Arg  
1 5 10

<210> 8  
<211> 10  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence  
<400> 8

Arg Ala Arg Ala Lys Asn Pro Leu Tyr Lys  
1 5 10

<210> 9  
<211> 10  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence  
<400> 9

Arg Ser Arg Ala Arg Asn Pro Leu Tyr Arg  
1 5 10

<210> 10  
<211> 10  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence  
<400> 10

Lys Glu Lys Leu Lys Asn Pro Leu Phe Lys  
1 5 10

<210> 11  
<211> 16  
<212> PRT

<213> Artificial  
<220>  
<223> artificial sequence  
<400> 11  
Lys Glu Lys Leu Lys Ser Gln Trp Asn Asn Asp Asn Pro Leu Phe Lys  
1 5 10 15

<210> 12  
<211> 26  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence-fragment of MAP kinase  
<400> 12  
His Arg Asp Leu Lys Pro Ser Asn Leu Leu Leu Asn Thr Thr Cys Asp  
1 5 10 15

Leu Lys Ile Cys Asp Phe Gly Leu Ala Arg  
20 25

<210> 13  
<211> 15  
<212> PRT  
<213> Artificial  
<220>  
<223> MAP kinase fragment  
<400> 13  
Pro Ser Asn Leu Leu Leu Asn Thr Thr Cys Asp Leu Lys Ile Cys  
1 5 10 15

<210> 14  
<211> 14  
<212> PRT  
<213> Artificial  
<220>  
<223> HIV-TAT carrier peptide  
<400> 14  
Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly  
1 5 10

<210> 15  
<211> 17  
<212> PRT  
<213> Artificial  
<220>  
<223> penetratin  
<400> 15  
Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys  
1 5 10 15

Gly

<210> 16  
<211> 25  
<212> PRT  
<213> Artificial

<220>  
 <223> artificial sequence  
 <400> 16  
 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Arg  
 1 5 10 15  
  
 Ser Lys Ala Lys Asn Pro Leu Tyr Arg  
 20 25  
  
 <210> 17  
 <211> 25  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> artificial sequence  
 <400> 17  
 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Arg  
 1 5 10 15  
  
 Ser Arg Ala Arg Asn Pro Leu Tyr Arg  
 20 25  
  
 <210> 18  
 <211> 26  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> artificial sequence  
 <400> 18  
 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Pro  
 1 5 10 15  
  
 Arg Ser Lys Ala Lys Asn Pro Leu Tyr Arg  
 20 25  
  
 <210> 19  
 <211> 30  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> artificial sequence  
 <400> 19  
 Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala Arg  
 1 5 10 15  
  
 Ser Lys Ala Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr Arg  
 20 25 30  
  
 <210> 20  
 <211> 5  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> artificial sequence  
  
 <400> 20  
 Trp Gln Thr Gly Thr

1 5

<210> 21  
<211> 5  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence  
<400> 21

Tyr Glu Met Ala Ser

1 5

<210> 22  
<211> 5  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence  
<400> 22

Tyr Glu Met Ala Ser

1 5

<210> 23  
<211> 5  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence  
<220>  
<221> misc\_feature  
<222> (3)..(4)  
<223> Xaa can be any naturally occurring amino acid  
<400> 23

Asp Leu Xaa Xaa Leu

1 5

<210> 24  
<211> 12  
<212> PRT  
<213> Artificial  
<220>  
<223> ligand recognition motif for alpha-V-beta-6 integrin  
<400> 24

Arg Thr Asp Leu Asp Ser Leu Arg Thr Tyr Thr Leu

1 5 10

<210> 25  
<211> 26  
<212> PRT  
<213> Artificial  
<220>  
<223> ERK-2 fragment  
<400> 25

His Arg Asp Leu Lys Pro Ser Asn Leu Leu Leu Asn Thr Thr Cys Asp

1 5 10 15

Leu Lys Ile Cys Asp Phe Gly Leu Ala Arg



<210> 26  
 <211> 52  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> cytoplasmic domain of alpha-V-beta-6 integrin  
 <400> 26  
 His Asp Arg Lys Glu Val Ala Lys Phe Glu Ala Glu Arg Ser Lys Ala  
 1 5 10 15  
 Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr Arg Gly Ser Thr Ser Thr  
 20 25 30  
 Phe Lys Asn Val Thr Tyr Lys His Arg Glu Lys Gln Lys Val Asp Leu  
 35 40 45  
 Ser Thr Asp Cys  
 50

<210> 27  
 <211> 6  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> artificial sequence  
 <400> 27  
 Ser Gln Trp Asn Asn Asp  
 1 5  
 <210> 28  
 <211> 26  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> ERK-2 fragment  
 <400> 28  
 His Arg Asp Leu Lys Pro Ser Asn Leu Leu Leu Asn Thr Thr Cys Asp  
 1 5 10 15  
 Leu Lys Ile Cys Asp Phe Gly Leu Ala Arg  
 20 25

<210> 29  
 <211> 26  
 <212> PRT  
 <213> Artificial  
 <220>  
 <223> JNK-1 MAP kinase fragment  
 <400> 29  
 His Arg Asp Leu Lys Pro Ser Asn Leu Ala Val Asn Glu Asp Cys Glu  
 1 5 10 15  
 Leu Lys Ile Leu Asp Phe Gly Leu Ala Arg  
 20 25

<210> 30  
<211> 26  
<212> PRT  
<213> Artificial  
<220>  
<223> JNK-1 MAP kinase fragment  
<400> 30

His Arg Asp Leu Lys Pro Ser Asn Ile Val Val Lys Ser Asp Cys Thr  
1 5 10 15

Leu Lys Ile Leu Asp Phe Gly Leu Ala Arg  
20 25

<210> 31  
<211> 30  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence  
<400> 31

Val Thr Val Leu Ala Leu Gly Ala Leu Ala Gly Val Gly Val Gly Arg  
1 5 10 15

Ser Lys Ala Lys Trp Gln Thr Gly Thr Asn Pro Leu Tyr Arg  
20 25 30

<210> 32  
<211> 26  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence  
<400> 32

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys  
1 5 10 15

Arg Ser Lys Ala Lys Asn Pro Leu Tyr Arg  
20 25

<210> 33  
<211> 14  
<212> PRT  
<213> Artificial  
<220>  
<223> artificial sequence  
<400> 33

Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Gln Cys Gly  
1 5 10

??

??

??

??

14.

141700171

141700171